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July 12, 2001

ATTORNEY DOCKET NO. 06720.0065
CUSTOMER NUMBER: 22,852

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Patent Application
Title: PERTURBATION APPARATUS AND
METHOD FOR USER DETECTION IN A
MULTIPLE-ACCESS COMMUNICATION SYSTEM
Inventor(s): CHUN CHIAN LU

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 24 pages, including 5 independent claims and 20 claims total.
2. Drawings - _ 12 sheets of informal drawings (Figures 1-11).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to Industrial Technology Institute, Hsinchu, Taiwan. R.O.C.
5. The filing fee is calculated as follows:

Assistant Commissioner for Patents

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Basic Application Filing Fee					\$710	\$ 710.00
	Number of Claims		Basic	Extra Claims		
Total Claims	20	-	20		x \$18	
Independent Claims	5	-	3	2	x \$80	160.00
[X] Presentation of Multiple Dep. Claim (s)					+\$270	270.00
Subtotal						\$
Reduction by 1/2 if small entity						-
TOTAL APPLICATION FILING FEE						\$ 1140.

6. A check for \$ 1180.00 is enclosed. The fee includes:

\$ 710.00 filing fee;

\$ 160.00 additional claims fee;

\$ 270.00 multiple dependent claims and

\$ 40.00 Assignment recordation fee.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
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1300 I Street, N.W.
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Please accord this application a serial number and filing date and record and return the Assignment to the undersigned.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P.

Assistant Commissioner for Patents

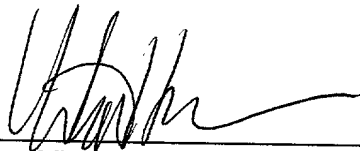
July 12, 2001

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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
Yitai Hu
Reg. No. 40,653

YH:pwl
Enclosures